Keep the site clean of litter debris.

Make sure that toxic liquid wastes (e.g., used oils, solvents, and paints) and chemicals (e.g., acids, pesticides, additives, curing compounds) are not disposed of in dumpsters designated for construction debris. For disposal of hazardous waste, see Chemical Management. Have hazardous waste hauled to an appropriate disposal and/or recycling facil-

when practical. For example, trees and shrubs from land clearing can be converted into

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Drainage Design Manual for Maricopa County

Collection, Storage, and Disposal

 Covered dumpsters of sufficient size and number should be provided to contain the solid waste generated by the project operations. Prevent clogging of the storm drainage system by removing litter and debris from drain-

age grates, trash racks, and ditch lines. • Trash receptacles should be provided in the contractor's yard, field trailer areas, and at locations where workers congregate for lunch and break periods.

· Construction debris and litter from work areas within the construction limits of the project site should be collected and placed in watertight dumpsters at least weekly regardless of whether the litter was generated by the contractor, the public, or others. Collected litter and debris should not be placed in or next to drain inlets, stormwater drainage systems, or watercourses.

Full dumpsters should be removed from the project site.

 Litter stored in collection areas and containers should be handled and disposed of by trash hauling contractors every two weeks or more frequently, if necessary. Notify trash hauling contractors that only watertight dumpsters are acceptable for use onsite. Plan for additional containers and more frequent pickup during the demolition phase of construc-

 Stormwater runoff should be prevented from contacting stored solid waste through the use of berms, dikes, or other temporary diversion structures.

 Solid waste storage areas should be located more than 50 ft from drainage facilities and watercourses and should not be located in areas prone to flooding or ponding.

Dumpster washout on the project site is not allowed.

Hazardous Waste Management

Segregate potentially hazardous waste from non-hazardous construction site waste.

August 15, 2013

Erosion Control: Best Management Practices

Salvage or recycle useful vegetation debris, packaging and/or surplus building materials

August 15, 2013

construction scraps can also be recycled.

county, and sewer district requirements.

agency requirements.

ment Plan.

ular safety meetings) and to educate new employees.

requirement, provide secondary containment for portable toilets.

service. Use only reputable, licensed sanitary/septic waste haulers.

RECOMMENDED MAINTENANCE AND INSPECTION

Drainage Design Manual for Maricopa County

Sanitary Waste Management

septic wastes.

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Erosion Control: Best Management Practices

Erosion Control: Best Management Practices

Chemical Management Photos

Secondary drum containment platform

Secondary drum containment

wood chips, then used as mulch on graded areas. Wood pallets, cardboard boxes, and

· Educate employees, subcontractors, and suppliers on sanitary/septic waste storage and

Hold regular meetings to discuss and reinforce disposal procedures (incorporate into reg-

· Locate portable toilets a minimum of 20 feet away from storm drain inlets, drainage facilities, watercourses, and from traffic circulation. If unable to meet the 20-foot distance

Properly connect temporary sanitary facilities that discharge to the sanitary sewer system

• If using an onsite disposal system, such as a septic system, comply with local health

• Ensure that sanitary/septic facilities are maintained in good working order by a licensed

The effectiveness of solid waste management is enhanced when the following BMPs are also

implemented: Chemical Management, Equipment Maintenance Procedures, and Spill Contain-

Onsite trash should be collected and disposed of on a regular basis. Sanitary systems

Repair trash containers and dumpsters on an as needed basis. Where possible provide

Maintain a contingency plan in the case that hazardous or toxic materials are discovered

cover for waste containers to prevent the entry of rainwater and loss of contents by wind.

to avoid illicit discharges. Sanitary and septic systems that discharge directly into sanitary

sewer systems, where permissible, should comply with the local health agency, city,

disposal procedures and potential dangers to humans and the environment from sanitary/

covered storage.

Courtesy of Interstate Products,

Courtesy of Interstate Products,

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GENERAL INFORMATION

Applicability - Effectiveness

Most effective when used with:

GH-1: Chemical Management

GH-5: Spill Containment Plan

Alternative BMPs:

Debris Management, Cleanup, and Wash

Trash Collection/Management - high

GH-3: Equipment Maintenance Procedu

GH-2

DEFINITION

struction site.

GH-2: Solid Waste

The routine collection, recycling, and disposal of accumulated solid waste generated at the con-

RATINGS

Associated Costs

Implementation

Maintenance

Oil and Grease

Floatable Material

Nutrients

Sediment

FIGURES

CAD Drawings

Target Pollutants Removal H M L

Other Construction Waste X

Solid Waste Management Photos

Management

Erosion Control: Best Management Practices

Erosion Control: Best Management Practices

| H | M | L

X

X

X

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DEFINITION

onsite soils.

Solid Waste Management Photos

General Housekeeping -

Page 1 of 6





GENERAL INFORMATION RATINGS Applicability - Effectiveness Equipment Storage/Maintenance - high Debris Management, Cleanup, and Wash-Trash Collection/Management - moderate Most effective when used with:

GH-1: Chemical Management GH-4: Designated Washdown Areas GH-5: Spill Containment Plan Alternative BMPs: None

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there is reduced clean up at the completion of a project.

plant containers, and packaging materials.

This practice only applies to non-hazardous solid waste.

waste procedures and practices.

ular safety meetings).

Drainage Design Manual for Maricopa County

RECOMMENDED STANDARDS AND SPECIFICATIONS

contractors follow solid waste handling and storage procedures.

Prohibit littering by employees, subcontractors, and visitors.

Wherever possible, minimize production of solid waste materials.

APPROPRIATE APPLICATIONS

but are not limited to:

LIMITATIONS

Solid waste is one of the major pollutants caused by construction activities. By limiting the trash

and debris on site and through proper disposal methods, stormwater quality is improved and

Proper solid waste management is applicable to all construction activities. Solid wastes include,

Construction wastes including plastic, glass, rubber, brick, mortar, timber, steel and metal

• Domestic waste products, including sanitary wastes, food containers, beverage cans, cof-

fee cups, paper bags, plastic wrappers, cigarettes, and litter generated by the public.

Temporary stockpiling of certain construction wastes may not necessitate stringent drain-

age related controls during the non-rainy season or in desert areas with low rainfall.

Site supervisor or other designated personnel should oversee and enforce proper solid

• Instruct employees and subcontractors on identification of solid waste and hazardous

Hold regular meetings to discuss and reinforce disposal procedures (incorporate into reg-

Page 2 of 6

Establish a program of equipment maintenance procedures, which will reduce contamination of

GH-3: Equipment Maintenance Procedures

waste, solid waste storage and disposal procedures. Require that employees and sub-

scraps, sawdust, pipe and electrical cuttings, non-hazardous equipment parts, Styrofoam

and other materials used to transport and package construction materials, materials from

the demolition of structures. Highway planting wastes, including vegetative material,

Associated Costs H M L Implementation Maintenance | X | | X | Training Target Pollutants Removal H M L Oil and Grease Sediment Floatable Material X

Erosion Control: Best Management Practices

Other Construction Waste | X | FIGURES Equipment Maintenance Procedures Photos **CAD Drawings**

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REFERENCE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY **BMP'S FOR ADDITIONAL** INFORMATION.

I hereby certify that this plan sheet substantially conforms to the standard detail provided by the Flood Control District of Maricopa County

POST CONSTRUCTION METHODS

should also be regularly serviced.

Long term solid waste practices should be implemented (i.e. dumpsters, and regular trash pickups, etc.)

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General Housekeeping -Page 6 of 6

August 15, 2013

Contact Arizona 811 at least two full

Call 811 or click Arizona811.com

SCALE (V): ---DRAWN BY: SSR/SJB DESIGN BY: SSR/SJB

CHECK BY: HDR DATE: 12/14/2023

PREVENTION

OLLUTION

ORM

ST

PROJECT No. 291673000

SCALE (H): ---

PARTS

AUTO

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Exp. Date 03/31/26